LU05.S11 - v-if, v-else … combined with AND/OR operators

Hints

- Download the file and copy the content into the code area of the W3School on the left hand side of the coding window.
- You can execute the code by pressing the *run* button
- The result will be presented in the right hand side of the window.

Assignment

1. People under the age of 12 are not allowed to go to the cinema.
2. Execute your script and check the result. Proceed only, if the result is correct.
3. Under 12 and with adult company they are allowed to up to 6 o'clock pm.
4. Execute your script and check the result. Proceed only, if the result is correct.
5. Between 12 and 16 they are allowed up to 6 o'clock pm, even without an adult company.
6. Execute your script and check the result. Proceed only, if the result is correct.
7. Between 12 and 16 they may attend to screenings if they are accompanied by an adult.
8. Execute your script and check the result. Proceed only, if the result is correct.
9. Person older than 16 may go to the cinemas without time restriction.
10. Execute your script and check the result. Proceed only, if the result is correct.
11. Comment and save your script your results accordingly.

Solution

Solutions with age only and logical operators

```html
21  <div id="app">
22    <p v-if="ageStatus<12 && hasAdult===false ">
23      1: You are {{ ageStatus }}!<br>
24      Without an adult company you may not go to the cinema.
25    </p>
26    <p v-else-if="ageStatus<12 && hasAdult===true">
27      2: You are {{ ageStatus }}!<br>
28      With and adult company you may go to the cinema up to 6 o'clock pm.
29    </p>
30    <p v-else-if="ageStatus>=12 && ageStatus<=16 && hasAdult===false">
31      3: You are {{ ageStatus }}!<br>
32      Without an adult you may go to the cinema up to 6 o'clock pm.
33    </p>
34    <p v-else-if="ageStatus>=12 && ageStatus<=16 && hasAdult===true">
35      4: You are {{ ageStatus }}!<br>
36      With an adult you may go to the cinema without restrictions
37    </p>
38    <p v-else>
39      5: You are {{ ageStatus }}!<br>
40      You are of full age and are allowed to go to the cinema without any restrictions.
41    </p>
42  </div>
43
44  <script src="https://unpkg.com/vue@3/dist/vue.global.js"></script>
45  <script>
46    const app = Vue.createApp({
47      data() {
48        return {
49          ageStatus: 18,
50          hasAdult: false
51        }
52      }
```

Example with 'v-if', 'v-else-if' and 'v-else'

We are trying to apply the OR-Operator ||

5: You are 18!
You are of full age and are allowed to go to the cinema without any restrictions.

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